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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Barry, et al.

Serial No.: 09/841,413

Filed: April 24, 2001

For: Joint Repair Using Mesenchymal Stem Cells **RECEIVED**

Group: 3738 **JAN 16 2003**

Examiner: Barrett **TECHNOLOGY CENTER R3700**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**AMENDMENT**

SIR:

In response to the Office Action dated September 10, 2002, kindly amend the above-identified application as follows:

Cancel Claims 1-27 without prejudice and add the following claims:

28. A method of regenerating meniscal tissue in a joint of an animal, comprising:  
*injecting into said joint a liquid suspension comprising mesenchymal stem cells and an acceptable pharmaceutical carrier, whereby said mesenchymal stem cells differentiate into meniscal tissue.*

29. The method of Claim 28 wherein said pharmaceutical carrier comprises hyaluronan or a salt thereof.

30. The method of Claim 29 wherein said hyaluronan or salt thereof is sodium hyaluronate.

31. The method of Claim 28 wherein said injection is into the joint space of said joint.